

**COMPLETED, ONGOING, AND PLANNED WCT HABITAT RESTORATION PROJECTS - MONTANA** (c:\data\cutthroat\wct-rest)

Drainage	Water	Action	Year Started	Completed	Length/ Area Benefitted	Coop. Entities
	Collar Gulch	Address water quality problem to expand existing populations.	1995	No, problem may be natural		FWP BLM
Beaverhead River	Beaverhead River	Riparian fencing along 3 miles of river on both sides of the bank	1998	Funded in 1998	3 miles	FWP USFWS Private
Beaverhead River	Dingley Creek	Range extension into fishless stream sections. Project involves moving individuals above a series of barriers to a currently unoccupied segment of stream that provides approximately 8/10 mile good quality habitat.	1998	1999		FWP
Beaverhead River	L. Fk. Stone Creek	Channel restoration to improve WCT habitat	1996	Yes		FWP BLM Barrett Minerals Cons. Dist.
Beaverhead River	Little Sheep Creek	Reconstruction of 1.5 miles of new, meandering channel , revegetating stream bank areas with willows, and installation of a migration barrier to protect the genetic integrity of a WCT population	1996		1.5 miles	FWP
Beaverhead River	Meadow Creek	Riparian fencing to exclude livestock	1996	1997	0.6 miles	FWP
Beaverhead River	Rattlesnake Slough Van Camp Slough	Riparian fencing to control grazing damage, improved water management to enhance fish passage into the spring creek system, bank stabilization, and installation of a grade control to prevent meander cut-off	1996	1997	3 miles	FWP
Beaverhead River	Stone Creek	Relocation of existing road, reclamation of old road; Bank stabilization and stream channel improvement	1994	1995	7,700'	Private FWP BLM

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Beaverhead River	Stone Creek	Creation of overwintering pools and stabilization of a newly constructed floodplain by planting woody vegetation and sedges	1996	1997	1.5 miles	FWP USFWS BLM Private
Belt Creek	Chamberlain Creek	Removal of brook trout/Installation of barrier to prevent upstream recolonization	1995	Ongoing - annually		USFS
Belt Creek	James Creek	Riparian Fencing	1998	1998	1 mile	USFS
Belt Creek	Lost Creek	Range extension of WCT into currently fishless stream section	1997	1997	1.0 mile	USFS FWP
Belt Creek	Oti Park Creek	Brook trout suppression pending long-term solution	1997	Ongoing - annually		USFS
Big Hole River	Big Hole River	Elimination of a hydraulically unsound irrigation diversion and ditch complex and replacement with a pump and pipe system. Resulted in elimination of a sediment source and increased stream flow.	1981	1991		Private FWP
Big Hole River	Big Hole River	Channel and grade stabilization	1990	1990		FWP Cons. Dist Private
Big Hole River	Big Hole River	Treatment of 520' of bank to stop erosion, installation of cattle control fence and water gap	1994	1995	520'	FWP USFWS
Big Hole River	Deep Creek	Bank stabilization using bioengineering techniques, revegetation, and riparian fencing; reestablishment of a meander loop through the use of a gravel plug	1998	1998	2,500'	FWP USFWS BLM

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Big Hole River	Doolittle Creek	Development and design of Doolittle road improvements to mitigate sediment introduction. Viability concerns for the WCT population became an issue when a timber sale was proposed which would promote significant sediment introduction to an already seriously impacted stream. The resulting decision was to remove the proposal to harvest timber and to implement effective mitigation to significantly reduce sediment introduction from the existing road.	1993	1997		USFS FWP
Big Hole River	McVey Creek	Construction of fish passage barrier; physical removal of brook trout (electrofishing)	1993	Initial removal conducted in 1993; fish barrier installed in 1997 and additional brook trout removal conducted. Monitoring is ongoing.		FWP USFS
Big Hole River	Steel Creek	Restoration of damaged and channelized stream channel back to a natural configuration; improvement of riparian vegetation	1996	1997	1.7 miles	
Big Hole River	Upper Big Hole River	Development of wells as off-stream water sources to improve instream flows and reduce water losses due to long, inefficient ditches	1996	ongoing		
Big Hole River	York Gulch	Installation of stream enhancement (upstream V) structures	1998	1998		USFS FWP
Bitterroot River	Bitterroot River	Riparian enhancement along 2.5 miles of river near Lolo, MT. Enhancement included riparian fencing and planting of shrubs and grasses along the streambank.	1990	1990	2.5 miles	Cons. Dist. FWP
Bitterroot River	Bitterroot River	Construction of 1,300' of riparian fencing to protect and enhance the riparian area from livestock	1993	1993	1,300'	FWP Private
Bitterroot River	Bitterroot River	Riparian fencing to eliminate cattle from riparian areas and to allow riparian vegetation to recover	1996	1997	1.2 miles	FWP

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Bitterroot River	Bitterroot River	Riparian fencing adjacent to previously fenced area	1997	Ongoing	0.5 miles	FWP Private
Bitterroot River	Camp Creek	Reconstructing and returning the stream to the old channel	1997	Ongoing	1.5 miles	DOT FWP TU
Bitterroot River	Hughes Creek	Restoration of natural stream pattern, profile, and dimension historically damaged by placer mining	1998	1998	1 mile	FWP USFS Private
Bitterroot River	Meadow Creek	Riparian fencing to exclude livestock	1996	1996	½ mile	
Bitterroot River	Mill Creek	Riparian fencing of both banks along 1/4 mile of Mill Creek	1994	1994	1/4 mile	FWP TU
Bitterroot River	Mill Creek	Riparian fence construction to exclude livestock	1994	1995	½ mile	FWP TU Audubon
Bitterroot River	Mill Creek	Stabilization of eroding banks using revegetation, root wads, and rock vanes; reconstruction of portions of the channel; and riparian fencing	1998	Partially funded in 1998	5,100'	FWP USFWS NRCS Private
Bitterroot River	O'Brien Creek	Replacement of culverts that are barrier to migration; removal of abandoned irrigation diversion; improved riparian habitat	1995	1995	4 miles	FWP Private
Bitterroot River	O'Brien Creek	Restoration of pools and riparian conditions degraded by livestock grazing and subdivision	1997	1997		FWP USFWS MPC Private
Bitterroot River	Smith Creek	Construction of a riparian fence to exclude livestock	1998	Partially funded in 9/1998	1,225'	FWP NRCS Private

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Bitterroot River	Spring Gulch	Placement of large boulders in the river to create fish habitat	1994	1994		USFS FWP
Bitterroot River	Sweathouse Creek	Stabilization of banks using root wads, willows, etc. and reconstruction of portion of the channel using vortex rock weirs to achieve a more natural configuration.	1998	Partially funded in 9/1998	1 mile	FWP NRCS Homeowners Assn.
Bitterroot River	Tincup Creek	Riparian fencing along 1700' of Tincup Creek	1991	1991	1700'	TU FWP
Blackfoot River	Bear Creek	Reconstruction of stream channel to its natural geometry	1998	Partially funded in 9/1998	0.8 miles	FWP USFWS MPC DNRC Private
Blackfoot River	Belmont Creek	Removal of twin culvert that blocked fish passage, and replacement with a clear span bridge	1992	1992	11 miles	TU FWP
Blackfoot River	Blackfoot River	Construction of permanent irrigation diversion with a rock drop designed to replace the river gravel dike.	1991	1991		Private FWP
Blackfoot River	Blackfoot River (Turner Place)	Riparian fencing to protect banks and shoreline from livestock grazing	1992	1992	5/8 mile	Private FWP
Blackfoot River	Blackfoot River	Stabilization of approximately 300' of streambank	1993	1993		FWP TU
Blackfoot River	Blackfoot River	Stabilization of 325 ft. of river bank that threatened to capture a spring creek used for spawning	1996	1997	325'	FWP
Blackfoot River	Blackfoot River (Henault Property)	Installation of native material revetments and riparian fencing to stabilize approximately 1000' of stream bank	1998	Funded in 1998	1,000'	FWP USFWS Private

Drainage	Water	Action	Year Started	Completed	Length/ Area Benefitted	Coop. Entities
Blackfoot River	Blackfoot River (Pocha Ranch)	Development of off stream watering tanks to eliminate watering canal that runs through a feedlot. Water quality and quantity will be improved	1998	Funded in 9/1998	6-8 cfs	FWP USFWS NRCS Private
Blackfoot River	Blanchard Creek	Water lease to provide instream flow		Yes		FWP
Blackfoot River	Blanchard Creek	Moving of a calving shed and feedlot away from the banks of the stream	1996	1997		FWP
Blackfoot River	Chamberlain Crk.	Water lease to provide instream flow		Yes		FWP
Blackfoot River	Chamberlain Creek	Installation of a fish friendly diversion structure and implementation of water management measures	1997	1997		FWP USFWS TU Private
Blackfoot River	Cottonwood Creek	Design of fish friendly irrigation diversions that would enhance native fish populations, reduce loss of fish to irrigation diversions, and enhance stream flows.	1992			FWP
Blackfoot River	Cottonwood Creek	Lining of 1.5 miles of irrigation ditch to increase water delivery efficiency and improving irrigation structures for fish passage	1994	1995		FWP Private
Blackfoot River	Cottonwood Creek	Retrofitting previously screened irrigation diversions with self-cleaning brushes to reduce maintenance	1996	1997		FWP
Blackfoot River	Cottonwood Creek	Lining of Dryer diversion to improve water use efficiency and improve instream flows	1996	1996	8 cfs	FWP
Blackfoot River	Cottonwood Creek	Replacement of a culvert barrier with a bridge	1997	1997	7 miles	FWP USFWS TU Private

Drainage	Water	Action	Year Started	Completed	Length/ Area Benefitted	Coop. Entities
Blackfoot River	Cottonwood Creek	Water lease to provide instream flow	1997	Yes		FWP
Blackfoot River	Dick Creek	Channel reconstruction		1996	450'	FWP
Blackfoot River	Dry Creek	Channel rehabilitation, riparian fencing, removal of a migration barrier, and installation of a fish ladder	1996	1996	2,100'	FWP
Blackfoot River	Dunham Creek	Installation of fish screen to prevent loss of juvenile and adult fish into diversion	1995	1996		FWP Private
Blackfoot River	Gold Creek	Creation of 134 pools in the lower 6 miles of stream using woody debris and rocks	1995	1995	6 miles	FWP
Blackfoot River	Johnson Creek	Replacement of a culvert barrier with a bridge	1997	1997	>5 miles	FWP USFWS TU Private
Blackfoot River	Kleinschmidt Creek	Restoration of the natural pattern, profile, and dimensions to 2000' of the stream channel	1998	Funded in 1998	2,000'	FWP Private
Blackfoot River	McCabe Creek	Replacement of a culvert barrier with a bridge	1997	1997	6.5 miles	FWP USFWS TU Private
Blackfoot River	McCabe Creek	Adding large woody debris to the lower 2 miles of stream to restore habitat complexity and improve fish habitat	1998	Funded in 9/1998	2 miles	FWP USFWS TU Private
Blackfoot River	Monture Creek Blackfoot River	Construction of 3.9 miles of fence to control livestock grazing in the riparian area	1992	1992	3.9 miles	Private FWP

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Blackfoot River	Monture Creek	Placement of log veins, root wads, and woody debris on outside bends to improve habitat diversity; planting of willow clumps and sod to improve bank stability	1997	1997	4.2 miles	FWP USFWS TU Private
Blackfoot River	Monture Creek	Construction of 0.5 miles of riparian fence and a water gap	1998	1998	½ mile	Private
Blackfoot River	N. Fork Blackfoot	Installation of a rotating drum fish screen on the Smith-Weaver diversion to prevent fish from becoming captured in the ditch	1996	1997		
Blackfoot River	N. Fork Blackfoot	Installation of fish screens on two major irrigation diversion	1996	1996		FWP
Blackfoot River	N. Fork Blackfoot (Haggert Property)	Repair of eroded bank and severe deposition in a section that was previously restored.	1998	Funded in 1998	500'	FWP USFWS Private
Blackfoot River	Nevada Creek (Quigley Ranch)	Replacement of an older irrigation diversion structure with one that is closer to grade, and installation of a fish ladder	1998	Funded in Sept. 1998		FWP USFWS NRCS Private
Blackfoot River	Nevada Creek (Wineglass Ranch)	Replacement of an existing irrigation diversion structure, returning the stream to its old channel, and development of a grazing management system that will help protect the stream	1998	Funded in 9/1998	1,100'	FWP USFWS NRCS Private
Blackfoot River	Nevada Creek	Installation of fish ladders on two irrigation diversions to provide fish passage	1998	Funded in 9/1998		FWP USFWS NRCS Private
Blackfoot River	Nevada Creek	Replacement of a perched culvert with a bridge crossing to restore fish passage	1998	Funded in 9/1998	3 miles	FWP USFWS Private



Drainage	Water	Action	Year Started	Completed	Length/ Area Benefitted	Coop. Entities
Blackfoot River	North Fork	Installation of a fish screen on an unscreened diversion	1997	1998	3 miles	FWP USFWS TU Private
Blackfoot River	North Fork Blackfoot River	Restoration of unstable and braided river section to its historical channel	1998	Funded in 1998	750'	FWP USFWS Private
Blackfoot River	Pearson Creek	Water lease to provide instream flow		Yes		FWP
Blackfoot River	Rock Creek	Riparian fencing along 6,000 feet of Rock Creek for livestock grazing management; reestablishment of riparian vegetation along 4,200 feet of streambank; placement of log structures to promote scouring and sediment displacement; excavation of sediment-laden pools; replacement of culvert crossings with bridges to aid fish passage; and placement of logs to provide cover.	1991	1992	3 miles	FWP TU
Blackfoot River	Rock Springs Creek	Dredging of sediment out of pools, narrowing the stream, revegetation of stream bank areas, and riparian fencing	1995	1996	1800'	FWP
Blackfoot River	Rock Creek (Trib. to N. Fork)	Restoration of one mile of stream and implementation of grazing management system to protect the stream from further damage	1998	Funded in 9/1998	1 mile	FWP Chutney Found. NFWF Private
Blackfoot River	Salmon Creek McDermott Creek Dry Creek	Improvements in fish passage, instream habitat restoration, augmentation of stream flow, improved riparian livestock management, and installation of fish screens on irrigation diversions.	1997	1997	1.5 miles	FWP USFWS TU Private
Blackfoot River	Shanely Creek	Construction of 2 miles of riparian fence and revegetation with native shrubs and trees	1992	1992	2 miles	FWP Univ. Montana

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Blackfoot River	Shanley Creek (Trib to Cottonwood Creek)	Construction of 1.6 miles of new fencing and development of a grazing management plan that will protect the stream	1998	Funded in 1998	1.6 miles	FWP USFWS Private
Blackfoot River	Spring Creek	Installation of fish friendly diversion structure that will improve fish passage and increase stream flows.	1998	Funded in 1998	4.5 miles	FWP USFWS NRCS Private
Blackfoot River	Union Creek	Stabilization and revegetation of streambanks; riparian fencing; off-site water development;	1997	Ongoing		FWP USFWS
Blackfoot River	Warren Creek	Replacement of culverts with bridges to enhance fish passage; removal of a cattle feeding area from the stream bank; and riparian fence construction for livestock grazing management	1993	1993	2 miles	TU FWP
Blackfoot River	Wasson Creek (Trib to Nevada Creek)	Replacement of an old irrigation diversion with a fish friendly diversion and removal of a culvert barrier	1998	Funded in 9/1998	1 mile	FWP USFWS Cons. Dist.
Boulder River	Muskrat Creek	Installation of a migration barrier; Relocation of WCT to portion of creek above a natural fish passage barrier near FS boundary; physical removal of brook trout (electrofishing) between the new barrier and the natural barrier	1997	Relocation of WCT and removal of brook trout completed in 1997 and 1998. Will continue in 1999.	1.2 mi - removal 7 mi - WCT expanded	FWP USFS BLM
Bull River	E. Fork Bull River	Restore unstable and braided stream to its original channel	1998	1998	½ mile	FWP Private USFWS
Clark Fork River (Lower)	Elk Creek	Channel and bank reconstruction, erosion control, revegetation of stream banks, and riparian fencing	1996	1998		FWP Private
Clark Fork River (Upper)	Flint Creek (Verlanick Ranch)	Channel stabilization and riparian fencing to reduce erosion and provide additional spawning habitat	Spring 1999		1.2 miles	FWP

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Clark Fork River	German Gulch	Trust fund set up to maintain physical barrier to prevent invasion by nonnative salmonids	Future			FWP Pegasus Gold
Clark Fork River	Gold Creek	Installation and repair of fish passage facilities constructed - Removal of abandoned railroad crossing that prevented movement of spawning trout into Gold Creek	1988	1989		FWP
Clark Fork River (Upper)	Harvey Creek-Kelham Ranch	Channel stabilization; riparian fencing; off-site water development to reduce erosion and improve recruitment of bull trout and cutthroat trout	Summer 1999		2.8 miles	FWP
Clark Fork River (Upper)	Harvey Creek (Plum Creek and USFS)	Channel stabilization; riparian fencing; off-site water development to reduce erosion and improve recruitment of bull trout and cutthroat trout	Summer 1999		5.5 miles	FWP
Clark Fork River (Upper)	Harvey Creek - Weaver Ranch	Channel stabilization and riparian fencing to reduce erosion, increase spawning habitat, and stabilize the stream	Spring 1999		3,600	FWP
Clark Fork River (Lower)	High Ore Creek	Construct physical barrier to prevent invasion of nonnative salmonids (following cleanup of existing problems creating a toxic barrier); mine reclamation to restore stream channel; expansion of existing WCT population into improved habitats.	Future			FWP USFS DNRC
Clark Fork River (Upper)	Lost Creek (Mathews Ranch)	Headgate reconstruction; riparian fencing; bridge construction	Spring 1999		1,500'	FWP
Clark Fork River (Upper)	Lost Creek (Lampert Ranch)	Channel stabilization and riparian fencing to reduce erosion, increase spawning habitat, and prepare channel for increased flows	Spring 1999		2.1 miles	FWP
Clark Fork River (Upper)	Lost Creek (Lord Ranch)	Stream channel relocation and stabilization to reduce sediment inputs, provide additional spawning habitat, and stabilize channelized reach.	Spring 1999		3,600'	FWP

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Clark Fork River (Upper)	Main Stem Rock Creek (Strand Ranch/Rohrnsen Ranch/ Sanders Ranch/Gillies Ranch Clark Ranch	Stream channel restoration and stabilization; riparian fencing; irrigation canal screening; grazing management to reduce erosion and sediment input, improve stream integrity, and reduce loss of fish in irrigation canals	Assessment in 1998 Feasibility study in 1999		17 miles	FWP USFWS DNRC
Clark Fork River	Petty Creek	Construction of over 2,000 feet of riparian fence to exclude livestock and promote riparian growth	1992	1992	2,010'	Private FWP
Clark Fork River (Upper)	Racetrack Creek-Beck Ranch	Riparian fencing; channel reconstruction; habitat improvement to improve spawning habitat and reduce sediment	Summer 1998		6,500'	FWP
Clark Fork River (Upper)	Racetrack Creek-Weber Ranch	Channel stabilization and riparian fencing to reduce erosion and improve spawning habitat	Spring 1999		1,300'	FWP
Clark Fork River (Upper)	Rock Creek (Garrison)-McGillis Ranch	Irrigation system improvement, securing of water rights (6 cfs), and channel restoration to increase instream flows and improve spawning habitat	Spring 1999		2.2 miles	FWP
Clark Fork River (Upper)	Rock Creek	Construction of riparian fence to exclude livestock use and improve fish habitat along Rock Creek, west of Phillipsburg	1993	1994	½ mile	Private FWP
Clark Fork River	Rock Creek	Construction of riparian fence to exclude livestock use and improve fish habitat along Rock Creek, west of Phillipsburg	1993	1994	½ mile	Private FWP
Clark Fork River (Upper)	Rock Creek - Middle Fork	Riparian fencing to exclude livestock; off-stream water development to provide alternative watering	1997	1997	5 miles	USFS FWP
Clark Fork River (Upper)	Rock Creek	Restoration of natural meander, reestablishment of original channel features, and stabilization of eroding banks.	1997	1998	5 miles	USFS FWP
Clark Fork	Rock Creek - Ross Fork	Installation of a fish ladder on a diversion dam to allow movement of fish past the diversion	1998	Funded in 9/1998		FWP Private

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Clark Fork River	Schwartz Creek	Construction of 4 miles of riparian fence to protect banks from livestock use; construction of 3 livestock bridge crossings	1993	1994		Private FWP
Clark Fork River (Upper)	Trout Creek (Trib. To Flint Creek)-Yardley Ranch	Stream channel restoration and relocation; channel stabilization; off-site water development to reduce sediment inputs, increase fisheries potential improve wetlands	Winter 1999		4,000'	FWP
Clark Fork River (Upper)	Trout Creek (Trib. To Flint Creek)-Dennis Ranch	Stream Channel relocation and stabilization; Livestock facility relocation to reduce sediment inputs, increase fisheries potential improve wetlands	Winter 1999		4,000'	FWP
Clark Fork River (Upper)	Trout Creek (Trib. To Flint Creek)-McClain Ranch	Channel stabilization, livestock watering site relocation; riparian fencing to reduce sediment inputs, increase fisheries potential improve wetlands	Winter 1999		2,640'	FWP
Clark Fork River (Upper)	Warm Springs Creek	Stream channel relocation and stabilization; habitat improvement; riparian management; removal of tailing deposits; screening of irrigation diversions to stabilize eroding banks, reduce sediment inputs, increase spawning area, and prevent loss of fish in diversions	Assessment in 1998		17 miles	FWP USFWS
Clearwater River	Blanchard Creek	Construction of fish ladders and fish screening devices to allow spawning migrations and prevent fish losses into irrigation ditches	1994	1994	>4 miles	FWP
Clearwater River	Blanchard Creek	Riparian fencing to allow the stream to recover from damage caused by grazing	1996	1997	4,000'	FWP
Flat Willow / Musselshell	Half Moon Creek	Riparian fencing enclosure to allow habitat recovery in conjunction with grazing allotment plan revisions	1997	1997	1 mile	USFS
Flathead River (North Fork)	Big Creek	Sediment source reduction, bank reshaping, and bank revegetation	1994	1995	30 m	FWP BPA

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Flathead River (South Fork)	Clark	Fish passage enhancement		Yes		FWP
Flathead River (North Fork)	Coal Creek	Gravel augmentation and placement of large, woody debris		Planned		FWP USFS
Flathead River	Dayton Creek	Riparian fencing, bank rehabilitation, water conservation assessment, measures to maintain instream flow	1997	Ongoing		FWP BPA CSKT
Flathead River (South Fork)	Devine Lake	Chemically removed brook trout and replaced with WCT	1996	Yes		FWP
Flathead River	Dollar Lake	Chemically removed fathead minnows and replaced with WCT		1998		FWP BPA
Flathead River (South Fork)	Doris	Culvert replacement (secondary fish passage enhancement benefit to WCT)		Yes		
Flathead River	East Spring Creek	Riparian fencing, bank rehabilitation, and channel restoration		Yes		Conservation District
Flathead River	Elliot Spring Creek	Spawning channel construction, gravel augmentation, chemical removal of brook trout, and replaced with WCT imprint plants	1991	Yes	1.2 km	FWP BPA
Flathead River (South Fork)	Emery	Fish passage enhancement; channel reconstruction associated with road reclamation and instream habitat improvement	1998	1999-2000	1.8 km	FWP
Flathead River (South Fork)	Felix	Fish passage enhancement - culvert replacement	1997	1997	3.8 km	FWP BPA USFS
Flathead River	Griffin Creek	Riparian fencing; change in cattle allotment management plan	1998	Yes	8 km	FWP BPA USFS
Flathead River (South Fork)	Harris	Fish passage enhancement - culvert replacement	1997	1997	1.8 km	FWP BPA USFS

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Flathead River (North Fork)	Hay Creek	Channel reconstruction, fish passage enhancement, riparian grazing management improvement	1994	1997	2.9 km	FWP BOR BPA
Flathead River (South Fork)	Hoke	Culvert replacement (secondary fish passage enhancement benefit to WCT)		Yes		
Flathead River (South Fork)	Logan	Fish passage enhancement - baffle installation	1994	1994	2.8 km	FWP BPA USFS
Flathead River (South Fork)	Lost Johnny	Culvert replacement (secondary fish passage enhancement benefit to WCT)		Yes		FWP
Flathead River (South Fork)	Mare	Fish passage enhancement		Yes		FWP
Flathead River (South Fork)	Margaret	Fish passage enhancement - culvert replacement	1995	1995	2.7 km	FWP BPA USFS
Flathead River (South Fork)	McInerine	Fish passage enhancement -culvert improvement	1994	1994	2.2 km	FWP BPA
Flathead River	Mill Creek	Riparian fencing, bank rehabilitation, gravel augmentation		Yes		FWP
Flathead	Mission Creek	Bank stabilization, riparian fencing, and revegetation to restore stream channel integrity and improve fish habitat	1994	1995	1/3 mile	FWP Private
Flathead River	Mud Creek	Riparian fencing along ½ mile of stream, and revegetation with shrubs and trees	1991	1991	½ mile	Private FWP
Flathead River	Mud Creek	Reconstruction of 8,000' of stream channel, reestablishing riparian vegetation, and riparian fencing	1997	1997	8,000'	FWP CS&K Tribe USFWS Pheasants Forever

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Flathead River	Mud Creek	Restoration of natural pattern, profile, and dimensions to stream reach immediately upstream of recently restored reach	1998	Funded in 1998	1 mile	FWP USFWS Pheasants Forever CS&K Tribe
Flathead River (South Fork)	Murray	Fish passage enhancement - culvert replacement	1995	1995	1.1 km	FWP BPA USFS
Flathead River (Middle Fork)	Paola Creek	Fish passage enhancement - removal of culvert fish barrier, channel restoration	1998	1999	3.5 miles	FWP BPA USFS
Flathead River (South Fork)	Riverside	Fish passage enhancement - culvert replacement	1996	1996	3.2 km	FWP BPA
Flathead River	Rogers Lake	Chemically removed yellow perch and replaced with WCT	1993	1994	97 ha	FWP BPA
Flathead River (South Fork)	S. Fork Logan	Fish passage enhancement		Yes		FWP USFS
Flathead River	S. Fork Tribs N. Fork Tribs	Addition of large woody debris to upper sections of several tributaries in westslope cutthroat trout priority areas where the riparian zone has been clearcut.		Ongoing		FWP BPA
Flathead River (South Fork)	Soldier	Culvert replacement (secondary fish passage enhancement benefit to WCT)		Yes		
Flathead River (Middle Fork)	Stanton Creek	Fish Passage Enhancement		Yes	5 miles	FWP MDOT
Flathead	Stinger Creek	Restoration of a natural, meandering channel, reestablishing riparian vegetation, and fencing the riparian corridor	1997	1997	1.5 miles	FWP USFWS CS&K Tribe Pheasants Forever Private



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Flathead River	Taylor's Spring Creek	Riparian fencing, bank rehabilitation, channel reconstruction, fish ladder installation, brook trout removal, and WCT imprint plants	1993	1997	2.6 km	FWP BPA
Flathead River (South Fork)	Tin	Culvert replacement (secondary fish passage enhancement benefit to WCT)		Yes		
Gallatin River	Cress Spring Creek	Riparian fencing to protect already restored stream section	1995	1995	1.75 miles	FWP Private
Jefferson River	Fish Creek	Maintain existing road culvert barrier to prevent invasion by nonnative salmonids; future plans to repair headcut impacting WCT habitat and enhance existing WCT habitat and expand population	1998			FWP USFS
Jefferson River	Fish Creek	Stabilize headcut threatening significant amount of habitat available to WCT upstream of culvert	1998	1998		FWP
Jefferson River	Willow Springs	Riparian fence construction and enhancement of vegetation along one mile of stream; replace culverts with a bridge and remove channel debris	1991	1991	1 mile	Private FWP
Judith River	Big Hill Creek	Riparian Fencing	1996	1996	2.0	USFS
Kootenai River	Big Cherry Creek	Riparian fencing and bank revegetation; bank stabilization, and sediment source control	Planned			FWP
Kootenai/Lake Koocanusa	Big Creek	Chemically removed rainbow trout and replaced with WCT		Yes		FWP
Kootenai River	Blue Sky Creek	Riparian fencing and bank revegetation; bank stabilization, and sediment source control	Planned			FWP
Kootenai River	Bobtail Creek	Riparian fencing and bank revegetation; bank stabilization, and sediment source control; spawning habitat enhancement	Planned			FWP
Kootenai River	Camp Creek	Installation of fish passage barrier to prevent upstream movement of nonnative fish		Yes		FWP

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Kootenai River	Canyon Creek	Gravel augmentation, installation of retention structures		Yes		FWP
Kootenai River	Clarence Creek	Riparian fencing and bank revegetation; bank stabilization, and sediment source control	Planned			FWP
Kootenai/Lake Koocanusa	Clarence Creek	Chemically removed rainbow trout and replaced with WCT		Yes		FWP
Kootenai River	Deep Creek	Riparian fencing and bank revegetation; bank stabilization, and sediment source control	Planned			FWP
Kootenai River	Edna Creek	Riparian fencing and bank revegetation; bank stabilization, and sediment source control	Planned			FWP
Kootenai/Lake Koocanusa	Five Mile Creek	Chemically removed rainbow trout and replaced with WCT		Yes		FWP
Kootenai River	Fortine Creek	Riparian fencing and bank revegetation; bank stabilization, and sediment source control; spawning habitat enhancement	Planned			FWP
Kootenai River	Foundation Creek	Riparian fencing and bank revegetation; bank stabilization, and sediment source control	Planned			FWP
Kootenai River	Granite Creek	Riparian fencing and bank revegetation; bank stabilization, and sediment source control	Planned			FWP
Kootenai River	Grave Creek	Fish passage enhancement		Yes		FWP
Kootenai River	Lake Creek	Riparian fencing and bank rehabilitation		Yes		FWP
Kootenai River	Lewis Creek	Riparian fencing and bank revegetation; bank stabilization, and sediment source control	Planned			FWP
Kootenai River	Libby Creek	Riparian fencing and bank revegetation; bank stabilization, and sediment source control	Planned			FWP
Kootenai River	Quartz Creek	Riparian fencing and bank revegetation; bank stabilization, sediment source control; spawning habitat enhancement	Planned			FWP

Drainage	Water	Action	Year Started	Completed	Length/ Area Benefitted	Coop. Entities
Kootenai River	Sinclair Creek	Riparian fencing, bank rehabilitation, fish passage enhancement		Yes		FWP
Kootenai River	Spring Creek	Riparian fencing and bank rehabilitation		Yes		FWP
Kootenai River	Stahl Creek	Riparian fencing and bank revegetation; bank stabilization, and sediment source control	Planned			FWP
Kootenai/Lake Kootenai	Sullivan Creek	Chemically removed rainbow trout and replaced with WCT		Yes		FWP
Kootenai River	Swamp Creek	Riparian fencing and bank rehabilitation		Yes		FWP
Kootenai River	Therriault Creek	Riparian fencing and bank rehabilitation		Yes		FWP
Kootenai River	Williams Creek	Riparian fencing and bank revegetation; bank stabilization, and sediment source control	Planned			FWP
Kootenai River	Young Creek	Riparian fencing and bank rehabilitation		Yes		FWP
Kootenai/Lake Kootenai	Young Creek	Chemically removed rainbow trout and replaced with WCT		Yes		FWP
Lake Mary Ronan	Dayton Creek	Riparian fencing, bank revegetation, bank stabilization, and sediment source control		In Planning		FWP Plum Creek
Lake Mary Ronan	Donaldson Creek	Riparian fencing, bank revegetation, bank stabilization, and sediment source control		Yes		FWP
Lake Mary Ronan	Freeland Creek	Riparian fencing, bank revegetation, bank stabilization, and sediment source control		Yes		FWP
Lake Mary Ronan	Hillburn Creek	Riparian fencing, bank revegetation, bank stabilization, and sediment source control		Yes		FWP
Madison River	Cherry Creek	Treat 65 miles of stream with antimycin to remove nonnative salmonids. Establish WCT in stream and tribs. following treatments	1997	2004 is projected completion date	65 mi.	FWP TEI USFS
Madison River	Jack Creek	Riparian fencing of 3.5 miles of heavily grazed streambank	1990	1990	3.5 miles	Plum Creek FWP

Drainage	Water	Action	Year Started	Completed	Length/ Area Benefitted	Coop. Entities
Madison River	Madison Spring Creek	Stream channel reconstruction and riparian fencing	1996	1996	2,500'	FWP
Madison River	Soap Creek	Maintain existing fish barrier that prevents invasion of rainbow trout into WCT population	1999	Ongoing		USFS FWP
Madison River	Teepee Creek	Installation of stream enhancement structures in unstable reach of Teepee Creek where head cuts are resulting in significant sediment deposition downstream where a WCT population exists.		Scheduled to be done in 1999		USFS FWP
Marias River	Dupuyer Creek - S. Fork	Creation of overwintering habitat by creating a series of vortex rock weirs	1998	Partially funded in 9/1998	2 miles	USFS FWP
Marias River	S. Fork Dupuyer Creek	Range extension of WCT into currently fishless stream section	1998	2000	3 miles	USFS FWP
Missouri River	Big Cooly Creek	Brook trout suppression	1997	Ongoing - annually		USFS
Missouri River (Arrow Creek)	Cottonwood Creek	Barrier construction and removal of nonnative brook trout (electrofishing).	1998	Invert., amphibian, and disease assessments completed. Barrier construction will begin in 1999	4 miles	USFS FWP?
		Fencing of riparian corridor	1998	1998	1 miles	
Missouri River	Cottonwood Creek (Beartooth Game Range)	Installation of a migration barrier to preserve genetic integrity of a pure population of WCT	1998		5 miles	FWP
Missouri River (Holter Lake)	Elkhorn Creek (Beartooth Game Range)	Installation of barrier and chemical removal of nonnative salmonids above	1972	1972 - subsequent monitoring in 1998 indicates pure WCT above barrier and no nonnative salmonids		FWP
Missouri River (Canyon Ferry)	Staubach Creek	Construction of fish barriers using perched culverts at road crossings, and removal of brook trout above the barriers	1998	Funded in 9/1998		FWP
Missouri River (Canyon Ferry)	Staubach Creek	Installation of barriers to prevent invasion by nonnative salmonids	1998	MEPA complete		FWP County

Drainage	Water	Action	Year Started	Completed	Length/ Area Benefitted	Coop. Entities
Missouri River (Canyon Ferry)	White's Creek	Physical removal of nonnative brook trout (electrofishing); channel and valley restoration of 1.2 miles of stream; construction of barrier to prevent reinvasion of brook trout	1993	Yes, but physical removal of brook trout is continuing	1.2 miles	FWP USFS DNRC Cons. Dist
Missouri River (Canyon Ferry)	White's Gulch	Riparian fencing along 1.2 miles of restored stream channel	1996	1996	1.2 miles	FWP
Red Rock River	Middle Fk. Little Sheep Creek	Installation of a fish movement barrier at lower end of enhanced stream segment to prevent upstream movement by brook trout into recovering stream reach.	1996	1998		USFS FWP
Red Rock River	S. Fk. Everson Creek	Install a hardened water gap to improve approximately 300 yards of potentially significant over-winter habitat for WCT that is being degraded by livestock.	1998	Design and planning initiated in 1998; Scheduled to be completed in 1999		USFS FWP
Ruby River	Green Horn Creek	Stream stabilization and habitat restoration project to return flow to old channel and prevent excessive bedload and sediment transportation/deposition. High Flows over last 2 years blew channel out in several places and captured road.	1998	1998		USFS FWP
Smith River	Black Butte Creek	Riparian fencing, off-stream water development, placement of root wad revetments and boulders	1997	1997	2 miles	FWP USFS NRCS Private
Smith River	Black Butte Creek	Riparian fencing to allow recovery of WCT habitat	1998	1998		USFS
Smith River	Fourmile Creek	Brook trout suppression	1996	Ongoing - annually		USFS
		Planned range extension	1999	Disease testing and invertebrate surveys completed in 1998	3.0 miles	
Smith River	Fourmile Creek/ Richardson Creek	Riparian fencing and offsite water development	1997	1997	1 mile	UDFS

Drainage	Water	Action	Year Started	Completed	Length/ Area Benefitted	Coop. Entities
Smith River	N. Fk. Deadman Crk. (Trib to Sheep Creek)	Removal of brook trout	1993	Discontinued due to lack of effective barrier		FWP USFS
Smith River	Townsend Ranch	Riparian fencing, off-stream water development, and establishment of pastures to implement a rest-rotation grazing system	1997	1997	4.4 miles	FWP USFS NRCS Private
St. Regis River	Big Creek	Installation of root wads, rock grade controls, and revegetation to reestablish a natural channel and active floodplain	1998	Funded in 1998	4,800'	FWP Cons. Dist. Private
St. Regis River	St. Regis River	Returning braided stream channel back to its natural state	1996	1997	2,500'	FWP
Stillwater River	Hidden Lake Lower Sunday Lk Other lakes	Chemical removal of illegally introduced fish species	In Planning			FWP
Sun River	N.Fk. Ford Creek	Range extension	1998	Invertebrate, amphibian, and disease assessments completed in 1998, fish will be moved in 1999		USFS
Sun River	Petty Creek	Range extension into fishless waters	1998	Invertebrate, amphibian, and disease assessments completed in 1998, fish will be moved in 1999.	4 miles	USFS
Swan River	Condon Creek	Fish Passage Enhancement		Yes		FWP
Swan River	Dog Creek	Fish Passage Enhancement		Yes		FWP
Swan River	Hall Creek	Installation of fish passage barrier to prevent upstream movement of nonnative fish; Chemically removed brook trout and replaced with WCT		Yes		FWP
Swan River	Holland Creek	Fish Passage Enhancement		Yes		FWP
Swan	Lost	Culvert replacement (secondary fish passage enhancement benefit to WCT)		Yes		FWP

Drainage	Water	Action	Year Started	Completed	Length/ Area Benefitted	Coop. Entities
Swan River	Pony Creek	Fish Passage Enhancement		Yes		FWP
Swan River	Rumble Creek	Fish Passage Enhancement		Yes		FWP
Swan River	Soup Creek	Installation of fish passage barrier to prevent upstream movement of nonnative fish; Chemically removed brook trout and replaced with WCT		Yes		FWP
Swan River	Whitney Creek	Chemically removed brook trout and replaced with WCT		Yes		FWP
Swan River	Wyman Lake Wyman Creek	Installation of fish passage barrier to prevent upstream movement of nonnative fish; Chemically removed brook trout and replaced with WCT		Yes		FWP
Whitefish River	Whitefish River	Construction of bank barbs to stabilize a severely eroding reach of the Whitefish River	1990	1990		Cons. Dist. FWP